

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Joe Gervais <vole@primenet.com>
Subject: [2714] (LONG) Re: ARS Sprint non-report
Message-ID: <199608152144.0AA22244@primenet.com>

Howdy Folks,

Kent (AB7OA) wrote:

>
> It certainly was Adventure Radio last evening in west Phoenix...qrn was so
> bad, I couldn't get complete callsigns from any of the stations I heard.
> And then, the antenna blew over as a strong summer monsoon thunderstorm
> roared through the western Phoenix area, taking out trees and power lines.
> 100 to 120 mph winds recorded, and the storm headed down to the southwest

Kent ain't kidding, folks. I've been in some severe weather (Scotland, South Pacific, Saudi Peninsula, parts of hurricane Hugo, etc.) and this one was a doozy. The worst of it was highly localized on a front that seems to have been a mere 10 miles wide on a S.E. bearing. My part of the valley was slammed hard. Sustained winds only lasted about 20 minutes, but it was intense. Some telephone poles were snapped in two. 2-3 miles from my house, highway signs on double metal posts were bent flat to the ground. In the worst areas, car windows blew out from the wind alone.

A neighbor and I were watching in awe as it rolled in at us. I know it'll be hard to believe, but it looked strikingly like that scene in "Independence Day" (minus the flames) where the large ships are flying through the atmosphere, boiling away the sky as they go. A huge wall of orange-tinted dust with a dark electrical storm pushing it along at incredible speeds. Hard to describe, impossible to appreciate unless you saw it. We realized we only had 1-2 minutes at most before it hit us (it was moving *fast*) so we frantically grabbed what we could from the yard, I pulled down my Hamstick and was finishing up when it hit, hard.

The lightning that followed was amazing. Instead of single bolts, the entire sky would light up and spidery ripples race across the clouds, setting off chain reactions as far as you could see. Huge bright green and blue flashes lit up the horizon to the west, which I would guess were power transformers blowing up since I've never seen lightning do that. The whole effect was quite surreal.

We were the lucky ones on my street - about \$400 worth of

damage. Neighbors had metal gates ripped off their posts, roof damage, water damage (the rain was blowing horizontal and forced its way into vents, window joints, anything) and we're all still trying to sort out the contents of our backyards. Talked to a few "old timers" at work who live near me, and they said the last time a storm this bad hit was around 1970-71. But again, only a small part of the valley was hit hard. Go figure. All this and 110 degree heat. Gotta love this state. :-)

So there you have it. I'd finally got my Norcal-40a, 800mAH camcorder battery, and tuned antenna ready to go for these Spartan Sprints and Mother Nature decides to show off. Hmmph. At least it was a great show. My report: 0 QSOs, but the antenna system survived. Nice when you can just unscrew it and bring it inside. Long live the Hamstick. :-)

Sorry for the long note. Didn't get my QSO fix last night so I'm taking it out on all of you. *8-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPion #7, Picking up the pieces in the somewhere in the N.W. Phoenix valley.

PS- If anyone in Sun City finds my soldering iron kit, please bring it by. I was last seen blowing your way. (That'll teach me to leave my toolbox outside....)

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [2676] 1996 New Jersey QSO Party this weekend
Message-ID: <s212d2be.025@LAKEHURST.NAVY.MIL>

The NJ QSO Party is this weekend.

The full details appear in the August 1996 issues of QST or CQ magazines. For those that don't get either, here is information regarding the 1996 New Jersey QSO Party:

2000z Saturday August 17 to 0700z Sunday August 18
and 1300z Sunday August 18 to 0200z Monday August 19.

Exchange QSO number, RS(T) and QTH (County for NJ, state/province/country for others).

Scoring: 3 points per contact. Multiply total QSO points by multiplier points for final score. (Each state/province/country worked counts as a multiplier for NJ stations and NJ counties are the multipliers for non-NJ stations.)

CW and phone are part of the same contests. Stations can be worked on each band and mode. NJ stations may contact in-state stations for QSO and multiplier credit. Non-NJ stations multiply total NJ QSOs by the number of NJ counties worked (maximum of 21).

Recommended frequencies: 1.810, 3.535, 3.950, 7.035, 7.135, 7.235, 14.035, 14.285, 21.100, 21.355, 28.100, 28.400, 50-50.5, and 144-146 MHz. Suggestions: phone on even hours, 15/10 meters on odd hours, 160 meters at 0500z.

There are certificates for the top scorers in each NJ county, ARRL Section, and DX Country, Second-place awards are issued if four or more logs are received from that section. Novice/Technician and mobile awards are available. Four plaques, donated by the NNJ and SNJ SMs are issued to the winning stations in NNJ and SNJ.

Log in UTC and indicate multipliers the first time it is worked. Include a dupe sheet and summary page when submitting logs. Logs go to the Englewood Amateur Radio Association, PO Box 528, Englewood, NJ 07631-0528 and must be received by them no later than September 14, 1996. Include a large SASE if you wish a copy of the results.

I look forward to working you.

73 de Pat, KA2GSL

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Marshall Emm <75230.1405@compuserve.com>

Subject: [2696] 30M Rigs
Message-ID: <960815170611_75230.1405_HHB37-3@CompuServe.COM>

Hi, Jess--

>>How about the NW80-20? I know it will do a full 5 watts out and has most of the requirements...<<

Does indeed, and the name has been changed [g]. It would be the NW30.

The Explorer II PROBABLY will be discontinued but not yet. I've got one sitting here waiting for a builder....

73
Marshall

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: mikeallen@mail.utexas.edu (Mike Allen)
Subject: [2694] 49 er broadcast problem
Message-ID: <v01530502ae390b090e7c@[128.83.86.21]>

OK gang, I need help. My 49er has a terrific broadcast qrm problem. I have tried several of the mods suggested, to no avail. At present, I have a torroid in place of rfc1, which was suggested by Alan Kaul. The rig performed great but the BCI was still present. I tried adding an 8 ohm resister in series with the torroid as suggested by AC6AN. The rig worked better on receive, which meant the BCI was louder.

I checked with G3YCC about his suggested mod for european QRM only to find he has junked his 49 er due to the QRM after confessing his mod resulted in less BCI but still had the problem.

I checked with a local ham who is technically competent, which I might add I am not, and it was his opinion that the problem was unsolvable. His comment was that without something like a pass band filter, which would lower the Q of the circuit, it was not likely that there was a solution. He suggested I get a tuner that would filter out some of the BCI. However, he also commented that the best solution was to put the 49er on 30 meters.

So, I have two questions. 1: has anyone actually solved the broadcast problem or are all the mods suggested actually working on a partial, kind of better basis? 2. How do I put this thing on 30 meters.

I enjoy reading this listserve and find it very educational. I would appreciate any help you might be inclined to give.

Mike Allen
KB5RBW

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Paul R. Valko" <prvalko@oakland.edu>
Subject: [2680] 50mw QSO and the WHOLE Pie
Message-ID: <Pine.OSF.3.91.960815083256.5250A-100000@saturn.acs.oakland.edu>

I received a QSL card in the mail yesterday from Warren Bone KQ4X.

The name is really familiar, but I don't believe he's on QRP-L.
Warren was confirming a QSO I had made with him last week while HE was
running 50 milliwatts. Warren is in Nashville and I'm 30 miles north
of Detroit.

Oddly... *I* was running 100 watts at the time, calling CQ on 7.040 and
hunting for a QRPp station! Looks like it worked :-)

Warren has a special QSL card that is imprinted:

C O N G R A T U L A T I O N S !

You have communicated with station KQ4X running:
not 1000 watts, not 100 watts, not 10 watts, not 1 watt, not 1 tenth of a watt
but 1 twentieth of a watt! 50mw, maybe even less!

There's also a large WSJ-style sketch of an Edison Patent Telegraph
Key and the word "QRP" repeated several times each in a smaller type point
until it is unreadable.

Pretty cute.

Warren says he has 30 states at 50mw or less.

73 =paul= wb8zjl

ps: SOMEWHERE around here I have the ENTIRE "QRP-L Pie." Yes, yes... all the missing verses and correct cadence. I won't bother the list with reposting it, although I DID get a major head-swell from all the nice replys from you kind folk. If you DO want the WHOLE PIE, feel free to email me for the text and I'll blast it over WHEN I find it.

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2698] 88 MH Toroids
Message-ID: <Pine.BSI.3.93.960815130356.12848A-100000@u1.abs.net>

Chuck and others looking for 88 MH Toroids:
You may obtain FREE 88 MH inductors from Ed Wetherhold, W3NQN at 1426 Catlyn Place, Annapolis, MD 21401
I have his home phone number, but can not recall if it is Private/Unlisted or not, so I will not include it in this posting.
Ed will send you the inductors (Free), you only pay the shipping charges. They are provided courtesy (C&P Telephone Company), Now known as Bell Atlantic. Ed also sells kits for his CW Filter Designs. You can not beat his prices for the high quality "Matched Capacitors". I might remind all that Ed is responsible for many of the filter designs found in the ARRL Handbooks. He also had a specific Audio Filter Design that was "Field Tested in UK" by the G-QRP Club. I can not recall which issue of SPRAT the article appears in, but I could look it up later if needed.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: torell@sicom.com (Kent Torell)
Subject: [2685] ARS Sprint non-report
Message-ID: <v02130500ae38e7f532f0@[192.91.202.41]>

It certainly was Adventure Radio last evening in west Phoenix...qrn was so bad, I couldn't get complete callsigns from any of the stations I heard. And then, the antenna blew over as a strong summer monsoon thunderstorm roared through the western Phoenix area, taking out trees and power lines. 100 to 120 mph winds recorded, and the storm headed down to the southwest part of the state. So, I have 0 qso's to report, but the antenna isn't badly damaged :-). We have a large scQRPion contingent in west phoenix, so it will be interesting to hear there stories of derring-do.

Hope it was quiet (weatherwise) elsewhere!

72, from the qrn capital of the southwest (at least last night)

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A Tmps 1996 Qs=016 States=11 Confirmed=01 DX=01
AK AZ CA CO HI ID KS OK OR TX WA
VE

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: ke1ex@ids.net (Laurent C. Lafond)
Subject: [2707] Bencher Keyers
Message-ID: <199608151812.0AA00256@pobox.ids.net>

Hi guys -

When I was in the Navy, many moons ago, going to Electronics RM 'B'
School in Bainbridge, MD., one of the ole grizzly chiefs told me that the
only dumb question was the one that was not asked.

On that note -- Does anyone know of a supplier of a dust
cover for a Bencher Paddle. This is the molded clear plastic, the ones
that has a slot for the wire out the back and a larger slot for the handles
in the front.

I wrote to Bencher and the supplier they referred me to (would you believe
only one) said he ain't never carried them and couldn't help me locate one.

Surely there must be someone out there that fabricates these things. Are
they the same size as the Vibroplex ?? They fabricate dust covers for their
paddles. Don' t have that good a rapport with them, tho.

Any assistance would be greatly appreciated, as always. I have no interest
in Bencher Paddles (wish I did).

72, 73,

Laurent AA1PQ
ke1ex@ids.net

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996

From: George Gingell <k3tks@u1.abs.net>
Subject: [2703] Counter Kits, Digital Displays and other items
Message-ID: <Pine.BSI.3.93.960815134532.12848E-100000@u1.abs.net>

Subject: Digital Displays, Frequency Counters and Digital VFO's
From: G. Danny Gingell, K3TKS@abs.net

Monday 12 Aug. 1996 Dave Medley Wrote:

From: davemed@ix.netcom.com (David Medley)

Does anyone know of a kit for a half way decent counter out there?
I figured as qrp guys are basically kit builders or home brewers
(bless them) somebody out there could help.

73 de Dave KI6QE/7

Extracted from Sept. 1996 QST Magazine,

NEW PRODUCTS FROM S&S: Upgrade your old rigs!
Digital dial has 10 hz resolution and frequency range 50 KHz to 230 MHz;
kit \$ 79.95; assembled \$129.95. Digital VFO with 1 Hz resolution; \$139.95;
assembled \$169.95. S&H \$7.50 (Continental US). GUARANTEED TO WORK.
For INFO send SASE; Call/write to order: S&S Engineering, 14102 Brown
Road,
Smithsburg, MD 21783. Telephone 301-416-0661. email dzak@aol.com

While Dick Szakonyi, KA3ZOW is the owner and engineer of S&S engineering,
The real driving force behind the business is his lovely XYL Kathy, N3SAD.
She is the person responsible for the excellent documentation that comes
with their products. You may think that some of their products are a bit
pricey, Until you receive them and see for yourself the Quality that goes
into them. I personally recommend them all. I might also add that they
will stand behind their products and are willing to assist you in making
it work!

Disclaimer: I am not employed by S&S Engineering, nor do I receive any
financial remuneration in any form for my comments. They are just good
people with a great product and service.

72 ES QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [2674] CQC Home Page
Message-ID: <960815022637_75230.1405_HHB80-2@CompuServe.COM>

The Colorado QRP Club now has a home page, for those of you who surf the net.
The url is:
<http://ourowrld.compuserve.com/homepages/mtech/cqc.htm>

The CQC home page has info about the club, the information you need for an email application (link is provided) and an image of my very own personal NW30 transceiver.

73
Marshall

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [2689] CQC Homepage and Gremlins
Message-ID: <960815160504_75230.1405_HHB65-1@CompuServe.COM>

I had a slip of the finger when I posted the url for CQC's home page (and thanks to those who pointed it out). Sorry for any inconvenience, and the correct url is:

<http://ourworld.compuserve.com/homepages/mtech/cqc.htm>

73
Marshall
AA0XI

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Harvey Winters <ve1hdw@fox.nstn.ca>
Subject: [2690] Far circuits
Message-ID: <1.5.4.32.19960815160733.0066cc94@fox.nstn.ca>

Anyone know if Far circuits are on holidays.
Cant get answer on voice phone nor have they answered my fax.

Anyone have the panel space requirement

for the kc-1 unit.

Thanks

72/73 de Harvey

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: Charles Cashion <sun1055!ccashion@uunet.uu.net>
Subject: [2695] FAR CIRCUITS
Message-ID: <9608151705.AA16971@sun1055.spd.dsccc.com>

Harvey Winters <ve1hdw@fox.nstn.ca> wrote (hw>)

hw>

hw> Subject: Far circuits

hw>

hw> Anyone know if Far circuits are on holidays.

hw> Cant get answer on voice phone nor have

hw> they answered my fax.

hw>

This was a topic of discussion some months back.

Fred Reimers, KF9GX does not accept telephone orders.

He accepts orders by mail.

I do not know about the FAX.

I have ordered one (maybe two) boards from Fred. and he
was reasonably prompt. Chuck Adams, K5FO has also ordered
boards from Fred and was happy.

hw>

hw> Anyone have the panel space requirement

hw> for the kc-1 unit.

hw>

hw> Thanks, 72/73 de Harvey

hw>

Fred has recently put his catalog on the internet....

<http://www.cl.ais.net/farcir/>

I tried the URL ten minutes ago, and it seems to all be in order.

His mail address is...

Fred Reimers, KF9GX
FAR Circuits
18N640 Field Court
Dundee, IL 60118 USA

I have no association with Fred Reimers or Far Circuits.

I am just a satisfied customer.

72s, 73s, whatever it takes,

Charles Cashion, W5ISZ, ccashion@spd.dsccc.com

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+ - - - - - +
| If you choose to reply to me directly, and your mailer has an automagic |
| reply feature, please do not use it. Something has been changing my mail |
| reply address to sun1055!ccashion@uunet.uu.net, which at the very least, |
| is discourteous and a prevarication. |
+ - - - - - +
```

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996

From: Peter Simpson/US/3Com <Peter_Simpson@3mail.3Com.COM>

Subject: [2705] Forty-9er packaged and ready!

Message-ID: <9608151650.AA2577@hqsmtp2.ops.3com.com>

It's done and in the case! Minus the keyer, antenna tuner,
and a lot of other bells and whistles I'll put in later, but
it's done in time for my vacation trip!

I managed to blow up the NE602 while trying to finish it...I
think that happened when I connected to my antenna tuner,
assuming the antenna was connected to the other side, which
it wasn't. The high reflected power took out the 602 (the
final survived), but luckily, I had a spare (in my NC-40).
Added a socket while I was at it. So there, Mr. Murphy!

I brought it to work this morning to check the power out (320 mW
on an HP 435B power meter with 8483A sensor) and the harmonics
(2nd down around 30 dB, using a 470pf-1.5uH-470pf pi filter on an HP
3577B network analyzer) and to calibrate the dial (7.085 to 7.0415
using a Marconi 2022A signal generator). Pretty neat having all
those expensive pieces of test equipment in the lab :-)

There may still be some improvements possible in my receiver's
front end filter, I put in the 180 pf mod, but I still don't have
a good feeling about the peak I'm getting. One of the things
on my "to do" list is to send an order to Danny's Small Parts
for some toroids (and replacement NE602s), so I can try some of
the mods which require toroids. I did see some runaway oscillation
during transmit, but that went away when I changed the routing
of the ground lead from the battery.

For the first time, I used a trick someone had posted here to
label the front panel (which is a bare aluminum). I drew up

the front panel in Micrographics Designer. That's nice, because it has scales along the side so you can get the size right the first time. You can also build up "objects", like a calibrated dial, which you can then move as a block, rather than as circles and lines and text. Anyway, I drew all this up, then printed it on a transparency. Stuck a piece of tape over the drawing when it came out of the printer, and fed it back in to print again. Now the front panel comes out printed on the tape! I put another piece of tape over the first piece and peeled the sandwich (bottom tape, artwork, top tape) off the transparency and stuck it to my front panel. Looks super, and the resolution's great! Of course, you're limited to the width of a piece of tape, but I hear there are sheets of similar material to be had if you look hard enough.

I'll still have to take the whole thing apart to paint it and to add a keyer, and I hope to add a combination crystal selection and power switch. The keyer is my first goal, and I'm still looking for a bare bones keyer IC (preferably surface mount) that's cheaper than \$15. I think I'll probably end up using a GAL or a PIC part and rolling my own keyer. I have a space about 0.5" x 1.5" reserved for the keyer, and I want to see how much I can cram in there :-)

So, I'm off to Martha's Vineyard Saturday, for a week, on bicycles with the family (we've rented a house). I'll try to find a place to hang the dipole, and I'll be the slow one on 7.040 if it's raining on the Vineyard. Thanks again to Wayne, Doug and Jim for a great project, and to Jerry Parker for the web site with all the details!

73,
Peter, KA1AXY

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [2673] Ham Radio in the Movies
Message-ID: <960815022635_75230.1405_HHB80-1@CompuServe.COM>

I was just thinking about some of ham radio "silliness" that some of you guys mentioned in "Phenomenon." Thinking about it because ARRL is claiming they provided technical guidance.... QST September p 88
[g]

73

Marshall

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: Bob Gobrick WA6ERB/V01DRB <70466.1405@compuserve.com>
Subject: [2687] Hope for Ham Radio
Message-ID: <960815155436_70466.1405_FHC79-1@CompuServe.COM>

Hi QRP-L Gang,

There is still hope in this world for ham radio and qrpers in general. I just checked into my Internet account to pick up my qrp-l email and I found a note from my Internet Provider saying that some saboteurs in Nova Scotia (disgruntled striking workers possibly) just cut the main fibre link and two back-up links killing ALL of Newfoundland computer services from the mainland.

NO qrp-l mail - oh my gosh - I may have to go back to ham radio to get my 75+ plus qrp-l messages a day....

Nah - I'll just dial up my compuserve account and get my qrp-l email there until they scotch tape back the fibre.

So as they say in the Scouts - Be Prepared - have your qrp batteries charged and get yourself a "back-up" email account.

Cheers and lost without mail - Bob V01DRB/WA6ERB

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [2712] Hope for Ham Radio
Message-ID: <2.2.32.19960815195542.009875d8@public.compuserve.nf.ca>

The wonders of modern Electronics (or is that optics),

It took them 12 hours but the phone company - cable carrier folks glued all those glass tubes back together and now those little photons (or whatever travels in those tubes) has my internet email flowing again. Geez it sure is hard to talk about electronics when all the stuff in those tubes are up in the "light" range. What's the equivalent for resistors, capacitors and inductors in the fiber optic "light" world - hmmm.

Newfoundland is back cruising on the highway of lite (life)...

73/72 Bob V01DRB/WA6ERB

>There is still hope in this world for ham radio and qrpers in general. I just
>checked into my Internet account to pick up my qrp-l email and I found a note
>from my Internet Provider saying that some saboteurs in Nova Scotia
>(disgruntled striking workers possibly) just cut the main fibre link and two
>back-up links killing ALL of Newfoundland computer services from the mainland.

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| Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada |  
| QRPPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |  
| Internet: rgobrick@nfld.com |  
| Compuserve: 70466.1405@compuserve.com |  
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From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2700] Idiom Press
Message-ID: <Pine.BSI.3.93.960815131944.12848B-100000@u1.abs.net>

Yes, yes, yes, Go for it.
I have both the CMOS II & CMOS III.
Many, many others are also satisfied customers.
If the two gentlemen who designed that chip gave out their phone
number, they would never get anything else done.
They have a well developed product at a very reasonable price.
What more can we ask. :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2701] K4TWJ QSO 30M
Message-ID: <Pine.BSI.3.93.960815132553.12848C-100000@u1.abs.net>

Mike,
Dave hangs out on 30 Meters often. You should have asked him about the
wild woody. If you QSO him on 30M you are eligible for the wild woody
club. Oh! yes, If you have not already sent him a QSL, Say Hi to him
from K3TKS, Danny while you are at it, and ask him if he has an email
address yet? For that matter if anyone else reads this and knows if

Dave Ingram, K4TWJ is on email, please forward his address.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: lbbarley@feist.com (Bruce Barley)
Subject: [2709] Magnifying Lamps ON SALE
Message-ID: <199608151900.0AA21424@wichita.fn.net>

Illuminated swing-arm (a bit over 1 meter) magnifying lamps are on sale at Hancock Fabrics, Minnesota Fabrics, and at Fabric Warehouse until August 31. These stores are part of a national chain, so you might find one close by. Noticed the ad in a sale bill which came in yesterday's mail.

Found one for a close-out price of \$9.99. Has tensioners and balance springs on the swing arms, and comes with a nice clamp for table use. My table was quite thick, so I pulled the clamp, and drilled a hole to fit the swivel pin into the top surface of the table. Quite nice, and really saves the ol' eyeballs. The lens is glass, not plastic, and I have not had any noticeable distortion.

Usual disclaimers apply. Best DX and 72's.

Bruce Barley KB0PZD qrp-1 #69
lbbarley@feist.com

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: N3SAD@aol.com
Subject: [2711] Message from DZAK
Message-ID: <960815155915_385914679@emout10.mail.aol.com>

POSTING TO THE LIST

A message to all who wish to communicate with DZAK, otherwise known as KA3ZOW & Dick Szakonyi, he wishes me to pass along this info. Dick will be out in San Jose, CA for the next three weeks. Email can be sent to N3SAD@aol.com for those who have requests for S & S Engineering. For any qrp-1 listers in the local area, this is an opportunity for an eyeball with Dick. He can be reached through the Residence Inn (Phone: 408-720-1000 Suite 2914) in the PM. He has the new equipment with him and would be happy to discuss & demo for you. Thank you all for your attention.

73,
Kathy N3SAD

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: wa5whn@ix.netcom.com (Jay Miller)
Subject: [2678] New "Youth Forum" Column Writer
Message-ID: <199608151231.FAA28394@dfw-ix3.ix.netcom.com>

Dear Fellow QRP Compadres,

Within our ranks, one N5ZGT, Brian Mileschosky is the new "Youth Forum" Column writer for "Worldradio", starting with the Nov. '96 issue. Congratulations Brian (n5zgt@swcp.com).

72...Jay, WA5WHN

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Mel Evans <101366.3072@compuserve.com>
Subject: [2710] Oh dear, nerded again!
Message-ID: <960815195310_101366.3072_JHP137-1@CompuServe.COM>

Hi gang,

Sometimes you make a mistake out of kindness! As a result of my getting the old 386 up and running on DOS for the local First Aid Voluntary group, I've now been asked by another charity to look at some 286's would you believe. They've been donated by a company who are up-grading. They work stand alone and have got about a twenty meg HDD with Dos 3.2 in them.

The charity is for the Homeless, and they would like them to be used for simple Word Processing tasks at two or three locations locally. I can delete all the rubbish that's on the HDD OK using DOS commands, but I can't get the WP prog in, (wrong sizes of floppy) so I wonder if there's an easy way to transfer from my own shack 486 or 386 direct using a cable link?

Once again, I know this IS the friendship list, and you'll come up with an answer if there is one.

(Had an unannounced visit from Vicenc LLario of the EA-QRP club last night, had a few beers and long chat about QRP. He's seeing Rev. George to-day, and possibly Sheldon Hands also. Details of EA-QRP on request)

72 and 73 de mel
GM6JAG

Edinburgh Scotland UK
Home of the last HW9

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2702] QRP ++ Review-Review
Message-ID: <Pine.BSI.3.93.960815133738.12848D-100000@u1.abs.net>

From: vtronair@bctv.wic.ca (VTR ONAIR)
Subject: [2547] QRP ++ INFO
Tue, 13 Aug 1996 Brad Britton, VE7IRS wrote:

WHAT I AM LOOKING FOR FROM ANYONE IS HONEST, UNBIASED COMMENTS FROM OWNERS OF THIS UNIT, BOTH POSITIVE AND NEGATIVE. THIS WILL HELP ME MAKE AN INFORMED JUDGEMENT ON WHETHER TO DROP THE BUCKS OR TO STAY WITH NY MFJ 9420 (WHICH I AM HAPPY WITH SO FAR) I THANK EVERYONE IN ADVANCE FOR THEIR INPUT.

72 BRAD BRITTON
VE7IRS

Brad,

I have a QRP + Original Model, Serial NR. 0306, I recently had it returned from the factory for service. Blown final, probably caused by vibration and other stresses caused by using it for QRP Mobile on Field Day the week before. I was pleased with the prompt service, (Less than 3 week turnaround), and cost to have it repaired. Which was \$ 35.00 U.S. Flat Rate, plus \$ 10.00 Shipping and Handling. Heck, it cost me \$ 20 bucks to ship it UPS Insured to them ! Yes, the old model did have some problems here and there. Dosen't every rig ? I was most displeased by the operation of the internal keyer in the original version. I never could get used to it. That and the Excessive AGC action on strong adjacent signals are the two worst problems. The Keyer has been fixed, They will exchange eproms with you for a nominal \$5.00 charge. I replaced my own. Now I love it.

There are some mods out for some of the other stuff. Larry East, W1HUE is working on some and can probably advise you better in that area. Keep an eye on the comments here on the QRP-List for the latest details. (QRP-L@Lehigh.Edu) For assistance or information about the QRP-L, contact Jim Eshleman, N3VXI (Webmaster qrp-1) at <lujce@hooch.cc.lehigh.edu>

All in all I am personally satisfied with my purchase. In fact, I am thinking that I will purchase a QRP ++ (The New Model), when I get the

bucks saved up. Maybe before then I can find a Dis-satisfied customer :^), or a generous benefactor :^).

I would highly recommend that you read the September 1996 issue of QST magazine. Pages 68-71, contains a highly critical (but Honest!) review of the New QRP PLUS product. It was reviewed by Dave Newkirk, WJ1Z and Edited by Rick Lindquist, KX4V.

It is one of the most complete and unbiased reviews that I have ever read from A.R.R.L. or any ham magazine, for that matter. My personal congratulations to them both. I hope that others of the QRP Community will express their comments to A.R.R.L. as well. We need to let them know that we appreciate what they are doing. I might also note that there is a very interesting article on SWR Analyzer Tips, Tricks and Techniques on pages 36 thru 40. Don't miss the KB6WB QRP Accessory Pack on page 39 ! Last but not least, Check out the Micro M (QRP) Charge Controller article for your solar panel, by none other than our Own QRP "Fat man on the Crane" :^) Michael Bryce, WB8VGE. Did you see his "Wanted Poster" at Dayton :^) Mike is a regular QRP Columnist and Publicity Officer/Membership Chairman for QRP A.R.C.I., he also holds a regular job and operates Sunlight Energy Systems. No, he dosen't have any spare time :^)

Boy, This really turned into a extended dissertation didn't it? O.K., Here is the BOTTOM LINE, IMHO the New QRP Plus by Index Labs is The "TOP OF THE LINE QRP RIG for today". No, it is not perfect. Show me a rig under \$ 1000 today that comes closer to giving us what we have asked for in an "Ultimate QRP Rig". You can't do it!

I want to commend QST for including the Where do I get one Information. Don't you just hate it when you read a Product Review that fails to advise you how much it costs and how to contact the manufacturer? I Do! Hence, I will include it as well.
QRP PLUS Transceiver:

Index Laboratories, 9318 Randall Drive NW, Gig Harbor, WA 98332; Telephone 206-851-5725; fax 206-851-8385. Owner = Bruce Franklin
Manufacturer's suggested retail price, \$ 695. Retrofit from QRP PLUS to New QRP Plus (QRP ++),\$ 250.

The advertisment with photo and specifications is located on page 126 of the September 1996 issue of QST.

This NEW QRP PLUS Review, Review is provided to you by
G. Danny Gingell, K3TKS@abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

I am also a member of the Board of Directors and The QRP Net Manager

for QRP Amateur Radio Club International, (QRP ARCI). I belong to at least nine other QRP clubs or groups. QRPAA ? :^) :^)

Permission is hereby granted to freely copy and distribute this review and these comments in any QRP Newsletter or publication, either printed or electronically.

72 es QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [2693] QRP Club pages
Message-ID: <199608151619.JAA00953@dancris.com>

Are there any other qrp club pages other than NorCal, Colorado, New Jersey, Internet QRP Club, GQRP and QRP-ARCI? I'd like to put linkd to them on my page. Please let me know direct, or maybe the group would like to have the URL's as well.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any order of importance!)

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [2692] Sierra notes: band module trimmers; ferrite bead suggestion
Message-ID: <199608151617.JAA23165@mh1.well.com>

Hi gang,

Just went on our maiden voyage in our VW camper. Great fun, but I noticed on my return that the trimmers on my 15 and 10m band modules had gotten shaken around enough to go out of alignment. So, I recommend that at least on the higher bands you cement the toroids and trimmers in place. You can use silicone (RTV) or Q-dope to hold the toroids down, and "glip" or nail polish on the trimmers.

Next topic: ferrite beads. I played with a few types of beads and determined that the FB64-101 is the best choice for the driver base lead (2N2222A). You'll recall that this bead is necessary to eliminate any instability in tuning up the 10 meter module. DO NOT use an FB43-101; I

found that this higher-permeability bead will reduce the output power significantly on 10m.

Another 10/12m note: With the FB64-101 bead in place I was able to remove the extra termination resistor that I'd been using on the TX band-pass filter (in parallel with L4). However, I decided to leave a resistor of 27K there just to make the filter a bit easier to tune. Your results may differ.

My output on 10m is right around 2.0W with all the changes.

73,
Wayne

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2688] SP 8/14/96 rpt
Message-ID: <8803133201172C16@mhsgate.meth-mem.org>

Well I hung the Hy-Gain tape measure dipole set at 14060 in the trees in preparation for last nite. Fortunately I checked the band out using the base yaesu and 2 element quad. Had one qrp/qrp qso wid Bob, AC5AM. I thought things were going pretty well when, on Bob's last xm, the bottom dropped out. I made 2 more ARS SP contacts with the other station at qrp levels but was forced to crank the yaesu up to the 100 watt range so I cud be heard, hi hi. Had a very nice qso wid Bill, N7MFB after driving away the qrm (QRL QRL QRL - TU). Followed by a fairly gud cpy with Dan, AA7QU. Total weight of the equipment used exceeds the rated capacity of my pick-up truck, so I won't report it. Sounded like a lot more stations were working 20m so I guess my tirade last month abt local 40m contacts took, hi hi. I kinda wonder if there were any right coasters on but never turned the quad their way. 73/72 cul de Mike, KR4IT (the furthest West in 4-land of any qrp'er I know)

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: facmsa@facilities.buffalo.edu (Adams, Mark S.)
Subject: [2706] SP Test Results
Message-ID: <1996Aug15.135800.1483.12706@facilities.buffalo.edu>

Hi Gang,

Signals were generally weak but I managed 11 Q's. Thanks go to the following stations for digging me out of the QRN.

W8KUX
K8IDN
WJ4P
W3TS
W1BFN
AA1MI
AE4CA
W4HGC
KJ5TF
K4FAZ
N1RVQ

Equipment on this end was an ARG0 556, Heath HFT9b tuner and 4Ah battery. Antenna is a full wave delta loop cut for 40M. See you all in September.

72,

Mark N2VPK Member of the Buffalo QRP Connection

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: BOB KELLLOGG <ae4ic@nr.infi.net>
Subject: [2713] Spartan Sprint
Message-ID: <199608152124.RAA06756@mh004.infi.net>

>Date: Thu, 15 Aug 1996 03:48:11
>To: Russ1031@aol.com
>From: BOB KELLLOGG <ae4ic@nr.infi.net>
>Subject: Spartan Sprint
>
>Hi Russ,
>
>Here are my results from last nights Spartan Sprint.
>
>16 QSOs, 10 states, all on 40 Meters. (plus one QR0 guy who gave up on me before reporting his power)

Stations worked:

AA8DL - OH
W3TS - PA
VE3SP - ONT

KS4L - AL
WP4G - SC
AE4CA - GA
AE4JA - GA
AA8EB - OH
N1RXT - MA
AA1MI - NH
W3PM - AL
KF2PH - NY
W3EEK - PA
KC1GS - MA
W8KUX - MD
WB4LLP - AL

>

>Equipment:

>NW40 txcvr

>St. Louis tuner

>CMOS III keyer

>Bencher paddles

>7AH gel cell

>Wal-Mart earphones

>

>I weighed this stuff at 11 pounds on the bathroom scales. So Qs/Lb = 16/11 = 1.5. Don't have your original post with the standard weights on it, so if my scales is off, feel free to modify. This is the station I normally use. Thought I'd try it once just to have a comparison in case I get serious about this minimal stuff.

>

>The Sprint was a lot of fun. - but wierd. I had two runs. Worked 6 stations in 14 minutes one time and 5 stations in 11 minutes another time. So, it took an hour and 35 minutes to work the other 5 stations. Alabama and Ohio were the fartherest west. I used a G5RV and a Big Loop about 50/50. Both runs were with the G5RV, but the big loop also made Al and Oh.

>

>Thanks for the alternate day for the sprint!!

>

>CUL,

>

>

Bob Kellogg, AE4IC

Prolably, but not nececelery. - Benny Hill

AE4IC TMPS 1996 QS=86 States=19 Confirmed=11 DX=33

AL,CA,CT,FL,GA,IL,KS,MD,MI,MN,NC,NH,NY,OH,PA,TN,TX,WI,WY

DXCC:3B8,9A,DL,EI,EK,F,FG,G,GM,GU,HA,HB,HI,K,LU,LZ,OH,OK,OM,ON,OZ,P4,PA,SH,S
P,TI,UA,UR,VE,XE,YO,YS,YU

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2683] Telex/Hy-Gain Antenna
Message-ID: <47E1123201172C16@mhsgate.meth-mem.org>

I received 4 responses to my query regarding a group buy of the new Hy-Gain 'roll-up' antenna. I will privately e-mail each of the current respondents (respondees' , sic?). One fellow QRP-L'er volunteered his web-site for an info page. However this works out, I will keep the list informed. Again, if you are interested in participating in a group purchase of the new high-end Hy-Gain replacement for the famous/infamous Hy-Gain tape-measure dipole, please email me at 'kr4it@juno.com'.
cul de Mike, KR4IT

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [2681] The Ten-Tec Teaser Ad
Message-ID: <199608151314.GAA02746@sierra.psnw.com>

Wouldn't you know it. All my (ham radio) life I've been a QRP operator and I get sucked up by a teaser ad for an AMPLIFIER. Is this what happens when you get old?

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Reich, Christopher N" <cnr@rfpo2.rfc.comm.harris.com>
Subject: [2699] Wanted: TenTec 405 Amplifier
Message-ID: <32135EC9@smtpgate.rfc.comm.harris.com>

Does anyone wish to part with a TenTec 405 amp? One sure would look nice next to my 509 Argonaut.
Chris Reich WB2DYJ
- Rochester, New York
cnr@rfc.comm.harris.com

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Frank G3YCC" <g3ycc@enterprise.net>
Subject: [2697] Web Pages
Message-ID: <199608151822.SAA02687@mail.enterprise.net>

I have added more links to my web pages AND changed the music for the index page, because:

a Some of you who regularly visit the pages may be getting fed up with listening to the Entertainer (Scott Joplin).

b I like to hear (and play on the keyboard) any blues/jazz!

Enjoy! - if you have Microsoft Internet Explorer that is, not Netscape.

--

Frank G3YCC
Ham Radio QRP Web Page:
<http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Bowes, Fr. Bruce" <GBB1@MUSICB.MARIST.EDU>
Subject: [2679] WWW site Dan's Sml parts ?
Message-ID: <15AUG96.09352671.0020.MUSIC@MARISTB.MARIST.EDU>

I am looking for the address of Dan's Small Parts on the Web.
Thanks
Fr Bowes

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: James Bell <jim.bell@canada.cdev.com>
Subject: [2708] RE: 49 er broadcast problem (long)
Message-ID: <199608151844.0AA43505@nss2.CC.Lehigh.EDU>

Hi Gang,

I dont know how to cure BCI in the 49 er but I do know how to totally remove it in a DIRECT CONVERSION receiver.
Some years ago I had a heath HW7 that had dredful BCI problems.
Here is how the cure was done:
Replace the receiver mixer with 2 pairs of HCD DIODES.
Each pair is connected in parallel EXCEPT IN OPPOSITE direction


```
-- Christopher Cartwright, Tech. Engineer    | ...our chief weapons are fear,  
-- Voice 301.295.0809      N3XRV             | fear and surprise, and nice  
-- Mail dsc3cjc@imc220.med.navy.mil         | red uniforms, oh damn!!  
--      ccart@erols.com           |      -- Monty Python
```

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2683] RE: Ham Radio in the Movies
Message-ID: <B8DF123201172C16@mhsgate.meth-mem.org>

```
>  
> From: Marshall Emm <75230.1405@CompuServe.COM>  
>  
>I was just thinking about some of ham radio "silliness" that some of you  
>guys  
>mentioned  
>in "Phenomenon." Thinking about it because ARRL is claiming they  
>provided  
>technical guidance.... QST September p 88  
>[g]  
>  
>73  
>Marshall  
>  
>  
Must of been the 'phone operators' branch of the ARRL. BTW, has anybody  
listened to 80m phone lately? Not a nickel of content on the entire sub-band.  
cul de Mike, KR4IT
```

From owner-qrp-1@lehigh.edu Fri Aug 16 09:00:24 1996
From: Mike Cloud <cloudm@mhsgate.meth-mem.org>
Subject: [2682] Re: New Tape Measure type available!
Message-ID: <13DF123201172C16@mhsgate.meth-mem.org>

```
>Hi Mike,  
>  
>You wrote:  
>  
>> Ok ladies es gents: I just got off the land-line with the amateur  
>> antenna division of Telex/Hy-Gain. I talked with a fellow named Jim,  
>> who while not an amateur, appeared to be VERY knowledgeable.
```

>
>Well, that is interesting - why is it surprising that a non-amateur
>(i.e., a professional) is VERY knowledgeable about a product his
>company sells?
>
>;-)
>
>Dana KK6JQ
>Dana@Source.Net

WELL OK, hi hi. I guess my praise and surprise came across as misguided.
Actually I was amazed at his knowledge of amateur radio. His technical competence
is
certainly beyond my reproach, hi hi. All-in-all, I think the guy would make a
really great ham, and you know it doesn't hurt to have one of your own (QRP-L'wise
that is)
as a mole in a commercial company supplying to the amateur market, hi hi. cul de
Mike, KR4IT

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: John D Young <jdy@whitney.ufl.edu>
Subject: [2684] Re: Power measurment
Message-ID: <Pine.LNX.3.91.960815103005.5477A-100000@whitney.ufl.edu>

To measure power at the output of the balanced line output of a tuner
you can use an RF probe on your DVM to measure the voltage across a
dummy load. Depending on what you are using for feedline (300,450,600
ohm line) you would replace the feedline with a noninductive dummy load.

The ARRL Handbook has had the plans for a good RF probe for 35 years that
I can remember. In the same section is the instructions for calculating
the RF power from the voltage and resistance on the load.

If you dont have an RF probe, it's time you made one. The parts are all
junk box or Radio Shack and it take less than an hour to build including
the drive to Radio Shack.

73/72
John WA8KNE

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [2686] Re: Soldering Iron

Message-ID: <Pine.SUN.3.90.960815082405.20471D-1000000@vortex.sage.dri.edu>

On Thu, 15 Aug 1996, Chuck Olson wrote:

> On Tue, 13 Aug 1996 18:40:11 +0100 "Frank G3YCC" <g3ycc@enterprise.net>
> writes:
>
> >Whatever iron you get, have at least one spare tip. I get through
> >about three a year...
>
> Frank -
>
> I used to have this problem also until I switched to an iron plated tip -

One other little tip to remember.....(Learned from working in a
factory where electronics devices were made).

Wipe the tip on a damp sponge, apply some solder, solder the joint
and put the iron back into the holder WITHOUT cleaning the solder
from the tip.

Clean the tip on the sponge BEFORE but NOT after making the joint.

When you are done for the day, "put your iron to bed" by wiping the
tip on the sponge and then melting a lot of solder on it. This thick
coating of solder stops the air from contacting the tip. This slows
down the process of "tip rot"!

Seems to work. I bought my irons about 9 years ago and still use
the same tip! Here at work the tip lasted about 5 years before I
changed it!

And no, I don't use them everyday. But would guess I have them on
here at work about 10 hours a week.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: sholla@panasonic.atlanta.com (Holland, Steve)
Subject: [2691] RE: Soldering Iron

Message-ID: <1996Aug15.120900.1619.41994@ntserver.panasonic.atlanta.com>

I thought I would throw my two bits worth in. I have found out by using a tip tinner cup this also will aid in the life of your tip. The engineers here have a habit of leaving their irons on for days and I have saved a tip by using these tinner cups. They come in a small cup and you rub your iron into the mass in the cup. This is also good even if you don't leave your iron on for days. My iron is on eight hrs or more a day and I use a tip maybe every six months. I have to replace it because it gets dull not because it is worn out. For surface mount you need a sharp point. But I will agree with Ron about the sponge. This is the best way to keep your tip good for a hobbyist. There are a lot of companies that sell the tinner and they only cost a few dollars and last a long time.

If you do a lot of soldering this is a good investment. 72 de N9HXX/4

Steve N9HXX/4
sholla@panasonic.atlanta.com
QRP-L # 555
NNN00NT-T

From: ku7y[SMTP:ku7y@sage.dri.edu]
Sent: August 15 1996 11:37
Subject: Re: Soldering Iron

On Thu, 15 Aug 1996, Chuck Olson wrote:

> On Tue, 13 Aug 1996 18:40:11 +0100 "Frank G3YCC" <g3ycc@enterprise.net>
> writes:
>
> >Whatever iron you get, have at least one spare tip. I get through
> >about three a year...
>
> Frank -
>
> I used to have this problem also until I switched to an iron plated tip
> -

One other little tip to remember.....(Learned from working in a factory where electronics devices were made).

Wipe the tip on a damp sponge, apply some solder, solder the joint and put the iron back into the holder WITHOUT cleaning the solder from the tip.

Clean the tip on the sponge BEFORE but NOT after making the joint.

When you are done for the day, "put your iron to bed" by wiping the tip on the sponge and then melting a lot of solder on it. This thick coating of solder stops the air from contacting the tip. This slows down the process of "tip rot"!

Seems to work. I bought my irons about 9 years ago and still use the same tip! Here at work the tip lasted about 5 years before I changed it!

And no, I don't use them everyday. But would guess I have them on here at work about 10 hours a week.

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: "Bob Hirsch" <bobh@p3.net>
Subject: [2675] Re: TenTec Teaser
Message-ID: <199608151000.GAA00153@p3.net>

> I believe it is their new amp to compete against the other 811 based amps
> from Ameritron.
>

That's right. It's their new linear. Horizontally mounted 811's (3)
and puts out about 600 watts.

=====
73 de Bob, AA3ON

No Code, No HF....Know Code, Know HF!

From owner-qrp-l@lehigh.edu Fri Aug 16 09:00:24 1996
From: George Gingell <k3tks@u1.abs.net>

Subject: [2704] Re: Toroids and Dans Small Parts
Message-ID: <Pine.BSI.3.93.960815135719.12848G-1000000@u1.abs.net>

TKS TU OM. I will FWD to QRP-L

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

On Wed, 14 Aug 1996, Paul Harden wrote:

> Last email I got from Buckeye (3 weeks ago) was
> buckete@alpha.wcoil.com
>
> 72, Paul NA5N
>